

LAND GRID ARRAY CONNECTOR ASSEMBLY WITH STIFFENER

Abstract

An electrical connector (1) for electrically connecting an electronic package with a circuit substrate. The connector includes a housing (11), a fastening device assembled with the housing, and a stiffener (12) surrounding the housing. The stiffener includes a back end (123), and a pair of spaced first walls (125) adjoining the back end. Each first wall has a latch (128) extending upwardly therefrom, and then bends inwardly. The back end has a pair of spaced spring fingers (129) extending substantially horizontally, and then bends slightly upwardly. The latches are fastened to the housing for locating the housing in a vertical direction. The spring fingers abut against the housing for locating the housing in a horizontal direction. The stiffener reinforces the housing, and protects the housing from deformation or warpage.